

# Hou-Zao Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

4,602  
citations

134610

34  
h-index

129628

63  
g-index

65  
all docs

65  
docs citations

65  
times ranked

7053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting senescent cells for vascular aging and related diseases. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 162, 43-52.	0.9	15
2	Comprehensive assessment of cellular senescence in the tumor microenvironment. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	33
3	Restoring nuclear entry of Sirtuin 2 in oligodendrocyte progenitor cells promotes remyelination during ageing. <i>Nature Communications</i> , 2022, 13, 1225.	5.8	27
4	Editorial: Cellular Senescence and Cellular Communications Within Tissue Microenvironments During Aging. <i>Frontiers in Physiology</i> , 2022, 13, 890577.	1.3	1
5	Single-cell analyses highlight the proinflammatory contribution of C1q-high monocytes to Behçet's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	35
6	Short-Chain Enoyl-CoA Hydratase Mediates Histone Crotonylation and Contributes to Cardiac Homeostasis. <i>Circulation</i> , 2021, 143, 1066-1069.	1.6	47
7	Metabolic regulation of immune cells in proinflammatory microenvironments and diseases during ageing. <i>Ageing Research Reviews</i> , 2020, 64, 101165.	5.0	9
8	A research agenda for ageing in China in the 21st century (2nd edition): Focusing on basic and translational research, long-term care, policy and social networks. <i>Ageing Research Reviews</i> , 2020, 64, 101174.	5.0	240
9	Histone Deacetylase SIRT1, Smooth Muscle Cell Function, and Vascular Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 537519.	1.6	13
10	Global Lysine Crotonylation Profiling of Mouse Liver. <i>Proteomics</i> , 2020, 20, 2000049.	1.3	11
11	Letter by Ren et al Regarding Article, "Aromatase Inhibitors and the Risk of Cardiovascular Outcomes in Women With Breast Cancer: A Population-Based Cohort Study" <i>Circulation</i> , 2020, 142, e156-e157.	1.6	1
12	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. <i>Circulation Research</i> , 2020, 127, 486-501.	2.0	377
13	Cardiomyocyte Senescence and Cellular Communications Within Myocardial Microenvironments. <i>Frontiers in Endocrinology</i> , 2020, 11, 280.	1.5	103
14	Circadian Clock and Sirtuins in Diabetic Lung: A Mechanistic Perspective. <i>Frontiers in Endocrinology</i> , 2020, 11, 173.	1.5	10
15	Caloric Restriction Induces MicroRNAs to Improve Mitochondrial Proteostasis. <i>iScience</i> , 2019, 17, 155-166.	1.9	35
16	Diurnal oscillations of endogenous H2O2 sustained by p66Shc regulate circadian clocks. <i>Nature Cell Biology</i> , 2019, 21, 1553-1564.	4.6	79
17	Sirt6 regulates efficiency of mouse somatic reprogramming and maintenance of pluripotency. <i>Stem Cell Research and Therapy</i> , 2019, 10, 9.	2.4	14
18	Mouse macrophage specific knockout of SIRT1 influences macrophage polarization and promotes angiotensin II-induced abdominal aortic aneurysm formation. <i>Journal of Genetics and Genomics</i> , 2018, 45, 25-32.	1.7	37

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19	Sirtuins and Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2018, 9, 748.	1.5	81
20	Epigenetic Regulation of Vascular Aging and Age-Related Vascular Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1086, 55-75.	0.8	49
21	Sirt4 accelerates Ang II-induced pathological cardiac hypertrophy by inhibiting manganese superoxide dismutase activity. <i>European Heart Journal</i> , 2017, 38, ehv138.	1.0	139
22	Long noncoding RNA LINC00305 promotes inflammation by activating the AHRR-NF- $\kappa$ B pathway in human monocytes. <i>Scientific Reports</i> , 2017, 7, 46204.	1.6	53
23	The Paraoxonase Gene Cluster Protects Against Abdominal Aortic Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 291-300.	1.1	16
24	Tryptophan-Derived 3-Hydroxyanthranilic Acid Contributes to Angiotensin II-Induced Abdominal Aortic Aneurysm Formation in Mice In Vivo. <i>Circulation</i> , 2017, 136, 2271-2283.	1.6	53
25	SIRT2 Acts as a Cardioprotective Deacetylase in Pathological Cardiac Hypertrophy. <i>Circulation</i> , 2017, 136, 2051-2067.	1.6	224
26	Epigenetic regulation in cell senescence. <i>Journal of Molecular Medicine</i> , 2017, 95, 1257-1268.	1.7	37
27	Enoyl-CoA hydratase-1 regulates mTOR signaling and apoptosis by sensing nutrients. <i>Nature Communications</i> , 2017, 8, 464.	5.8	35
28	Mitochondrial Sirtuins in cardiometabolic diseases. <i>Clinical Science</i> , 2017, 131, 2063-2078.	1.8	67
29	Human paraoxonase gene cluster overexpression alleviates angiotensin II-induced cardiac hypertrophy in mice. <i>Science China Life Sciences</i> , 2016, 59, 1115-1122.	2.3	16
30	Calorie restriction protects against experimental abdominal aortic aneurysms in mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 2473-2488.	4.2	54
31	Epigenetic regulation of NKG2D ligands is involved in exacerbated atherosclerosis development in Sirt6 heterozygous mice. <i>Scientific Reports</i> , 2016, 6, 23912.	1.6	30
32	Age-Associated Sirtuin 1 Reduction in Vascular Smooth Muscle Links Vascular Senescence and Inflammation to Abdominal Aortic Aneurysm. <i>Circulation Research</i> , 2016, 119, 1076-1088.	2.0	196
33	SIRT1 deacetylates the cardiac transcription factor Nkx2.5 and inhibits its transcriptional activity. <i>Scientific Reports</i> , 2016, 6, 36576.	1.6	29
34	NG2 Proteoglycan Ablation Reduces Foam Cell Formation and Atherogenesis via Decreased Low-Density Lipoprotein Retention by Synthetic Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 49-59.	1.1	17
35	The Four Layers of Aging. <i>Cell Systems</i> , 2015, 1, 180-186.	2.9	51
36	Regulation of Cell Cycle Regulators by SIRT1 Contributes to Resveratrol-Mediated Prevention of Pulmonary Arterial Hypertension. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	23

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37	Suppression of Mic60 compromises mitochondrial transcription and oxidative phosphorylation. <i>Scientific Reports</i> , 2015, 5, 7990.	1.6	56
38	Sox2 Deacetylation by Sirt1 Is Involved in Mouse Somatic Reprogramming. <i>Stem Cells</i> , 2015, 33, 2135-2147.	1.4	39
39	Interferon regulatory factor 9 is a key mediator of hepatic ischemia/reperfusion injury. <i>Journal of Hepatology</i> , 2015, 62, 111-120.	1.8	62
40	The Involvement of NFAT Transcriptional Activity Suppression in SIRT1-Mediated Inhibition of COX-2 Expression Induced by PMA/Ionomycin. <i>PLoS ONE</i> , 2014, 9, e97999.	1.1	28
41	Interferon regulatory factor 9 is critical for neointima formation following vascular injury. <i>Nature Communications</i> , 2014, 5, 5160.	5.8	61
42	A Critical Role for Interferon Regulatory Factor 9 in Cerebral Ischemic Stroke. <i>Journal of Neuroscience</i> , 2014, 34, 11897-11912.	1.7	57
43	Overexpression of Mitofilin in the Mouse Heart Promotes Cardiac Hypertrophy in Response to Hypertrophic Stimuli. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1693-1707.	2.5	14
44	Mitochondria, endothelial cell function, and vascular diseases. <i>Frontiers in Physiology</i> , 2014, 5, 175.	1.3	268
45	Interferon regulatory factor 3 protects against adverse neo-intima formation. <i>Cardiovascular Research</i> , 2014, 102, 469-479.	1.8	20
46	Overexpression of SIRT1 in vascular smooth muscle cells attenuates angiotensin II-induced vascular remodeling and hypertension in mice. <i>Journal of Molecular Medicine</i> , 2014, 92, 347-357.	1.7	100
47	SIRT1-mediated epigenetic downregulation of plasminogen activator inhibitor-1 prevents vascular endothelial replicative senescence. <i>Aging Cell</i> , 2014, 13, 890-899.	3.0	69
48	SIRT1 upregulators from high-throughput screening as anti-proliferation and anti-migration agents in vascular smooth muscle cells (654.2). <i>FASEB Journal</i> , 2014, 28, 654.2.	0.2	0
49	Up-regulation of Fas Ligand Expression by Sirtuin 1 in both Flow-restricted Vessels and Serum-stimulated Vascular Smooth Muscle Cells. <i>Chinese Medical Sciences Journal</i> , 2013, 28, 65-71.	0.2	3
50	Cross-talk between SIRT1 and p66Shc in vascular diseases. <i>Trends in Cardiovascular Medicine</i> , 2013, 23, 237-241.	2.3	46
51	SIRT1 mediates the protective function of Nkx2.5 during stress in cardiomyocytes. <i>Basic Research in Cardiology</i> , 2013, 108, 364.	2.5	23
52	The Human Paraoxonase Gene Cluster As a Target in the Treatment of Atherosclerosis. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 597-632.	2.5	74
53	Sirt1 deacetylates c-Myc and promotes c-Myc/Max association. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1573-1581.	1.2	83
54	Positive regulation of hepatic miR-122 expression by HNF4 $\alpha$ . <i>Journal of Hepatology</i> , 2011, 55, 602-611.	1.8	124

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55	Repression of P66Shc Expression by SIRT1 Contributes to the Prevention of Hyperglycemia-Induced Endothelial Dysfunction. <i>Circulation Research</i> , 2011, 109, 639-648.	2.0	245
56	SIRT1 Acts as a Modulator of Neointima Formation Following Vascular Injury in Mice. <i>Circulation Research</i> , 2011, 108, 1180-1189.	2.0	161
57	The histone trimethyllysine demethylase JMJD2A promotes cardiac hypertrophy in response to hypertrophic stimuli in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2447-2456.	3.9	185
58	SIRT1 Suppresses Activator Protein-1 Transcriptional Activity and Cyclooxygenase-2 Expression in Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 7097-7110.	1.6	178
59	Involvement of the p65/RelA subunit of NF- $\kappa$ B in TNF- $\alpha$ -induced SIRT1 expression in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 569-575.	1.0	46
60	Endothelium-specific overexpression of human IC53 downregulates endothelial nitric oxide synthase activity and elevates systolic blood pressure in mice. <i>Cardiovascular Research</i> , 2009, 84, 292-299.	1.8	7
61	Human Paraoxonase Gene Cluster Transgenic Overexpression Represses Atherogenesis and Promotes Atherosclerotic Plaque Stability in ApoE-Null Mice. <i>Circulation Research</i> , 2009, 104, 1160-1168.	2.0	54
62	Endothelium-specific overexpression of class III deacetylase SIRT1 decreases atherosclerosis in apolipoprotein E-deficient mice. <i>Cardiovascular Research</i> , 2008, 80, 191-199.	1.8	338